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Blast 2 Sequences results

BLAST 2 SEQUENCES RESULTS VERSION BLASTN 2.2.6 [Apr-09-2003]

Match: 1 Mismatch: -2 gap open: 5 gap extension: 2
x_dropoff: 50 expect: 10.000 wordsize: 11 Filter ☑ Align

Sequence 1	gi 2665370	Homo Sapiens mRNA for AIRE protein	**Length** 2245
Sequence 2	gi 757430	yf11d07.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:126541 5'.	**Length** 444

No significant similarity was found

Blast 2 Sequences results

BLAST 2 SEQUENCES RESULTS VERSION BLASTN 2.2.6 [Apr-09-2003]

Match: 1 Mismatch: -2 gap open: 5 gap extension: 2
x_dropoff: 50 expect: 10.000 wordsize: 11 Filter ☑ Align

Sequence 1	gi 2665370	Homo Sapiens mRNA for AIRE protein	**Length** 2245
Sequence 2	gi 757381	yf11d07.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:126541 3', mRNA sequence	**Length** 415

No significant similarity was found

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Jan 29 2004 15:06:34

1: Z97990. Homo Sapiens mRNA...[gi:2665370]

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LOCUS       HSAPECED                2245 bp    mRNA    linear   PRI 18-JUN-2000
DEFINITION  Homo Sapiens mRNA for AIRE protein.
ACCESSION   Z97990
VERSION     Z97990.1  GI:2665370
KEYWORDS    Aire protein.
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
  AUTHORS   Aaltonen,J., Bjrses,P., Perheentupa,J., Horelli-Kuitunen,N.,
            Paloti,A., Peltonen,L., Lee,Y.S., Francis,F., Hennig,S., Thiel,C.,
            Lehrach,H. and Yaspo,M.L.
  TITLE     An autoimmune disease, APECED, caused by mutations in a novel gene
            featuring two PHD-type zinc finger domains
  JOURNAL   Nat. Genet. 17, 399-403 (1997)
  MEDLINE   98061087
REFERENCE   2  (bases 1 to 2245)
  AUTHORS   Yaspo,M.L.
  TITLE     Direct Submission
  JOURNAL   Submitted (21-JUL-1997) Max Planck Institut fur Molekulare Genetik,
            Ihnestrasse 73, Berlin D-14195, Germany
  REMARK    revised by submitter 24-SEP-1997
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ORIGIN

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//

Jan 29 2004 15:38:25

1: R06810. yf11d07.r1 Soares...[gi:757430]

IDENTIFIERS

dbEST Id: **177106**
EST name: yf11d07.r1
GenBank Acc: R06810
GenBank gi: 757430
GDB Id: 478702

CLONE INFO
Clone Id: IMAGE:126541 (5')
Insert length: 1068
DNA type: cDNA

PRIMERS
Sequencing: M13RP1
PolyA Tail: Unknown

SEQUENCE

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Quality: High quality sequence stops at base: 345

Entry Created: Apr 3 1995
Last Updated: Apr 3 1995

COMMENTS

Insert Size: 1068
High qality sequence stops: 345 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares fetal liver spleen 1NFLS
Organism: Homo sapiens
Sex: male
Organ: Liver and Spleen
Develop. stage: 20 week-post conception fetus
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker
R. Site 1: Pac I
R. Site 2: Eco RI
Description: 1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

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Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

MAP DATA

IDENTIFIERS

dbEST Id:	**177057**
EST name:	yf11d07.s1
GenBank Acc:	R06761
GenBank gi:	757381
GDB Id:	478702

CLONE INFO

Clone Id:	IMAGE:126541 (3')
Insert length:	1068
DNA type:	cDNA

PRIMERS

Sequencing:	SP6
PolyA Tail:	Unknown

SEQUENCE

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Quality: High quality sequence stops at base: 346

Entry Created: Apr 3 1995
Last Updated: Apr 3 1995

COMMENTS

Insert Size: 1068
High qality sequence stops: 346 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY

Lib Name:	Soares fetal liver spleen 1NFLS
Organism:	Homo sapiens
Sex:	male
Organ:	Liver and Spleen
Develop. stage:	20 week-post conception fetus
Lab host:	DH10B (ampicillin resistant)
Vector:	pT7T3D (Pharmacia) with a modified polylinker
R. Site 1:	Pac I
R. Site 2:	Eco RI
Description:	1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

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Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

MAP DATA

Jan 29 2004 15:38:25

1: AB006684. Homo sapiens APEC...[gi:2696618]

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LOCUS       AB006684                20000 bp    DNA     linear   PRI 14-APR-2000
DEFINITION  Homo sapiens APECED gene for AIRE-1, AIRE-2, AIRE-3, complete cds.
ACCESSION   AB006684
VERSION     AB006684.1  GI:2696618
KEYWORDS    AIRE-1; AIRE-3; AIRE-2; autoimmune regulator-1; APECED; alternative
            splicing.
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (sites)
  AUTHORS   Nagamine,K., Peterson,P., Scott,H.S., Kudoh,J., Minoshima,S.,
            Heino,M., Krohn,K.J.E., Lalioti,M.D., Mullis,P.E.,
            Antonarakis,S.E., Kawasaki,K., Asakawa,S., Ito,F. and Shimizu,N.
  TITLE     Positional cloning of the APECED gene
  JOURNAL   Nat. Genet. 17 (4), 393-398 (1997)
  MEDLINE   98061086
   PUBMED   9398839
REFERENCE   2  (bases 1 to 20000)
  AUTHORS   Shimizu,N.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-AUG-1997) Nobuyoshi Shimizu, Keio University School
            of Medicine, Department of Molecular Biology; 35 Shinanomachi,
            Shinjuku-ku, Tokyo 160-8582, Japan
            (E-mail:shimizu@dmb.med.keio.ac.jp, Tel:81-3-3351-2370(ex.2720),
            Fax:81-3-3351-2370)
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